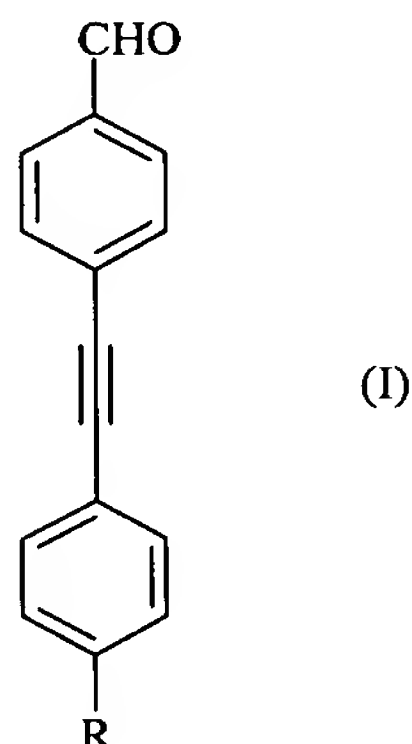


IN THE CLAIMS

Please amend the claims as follows:

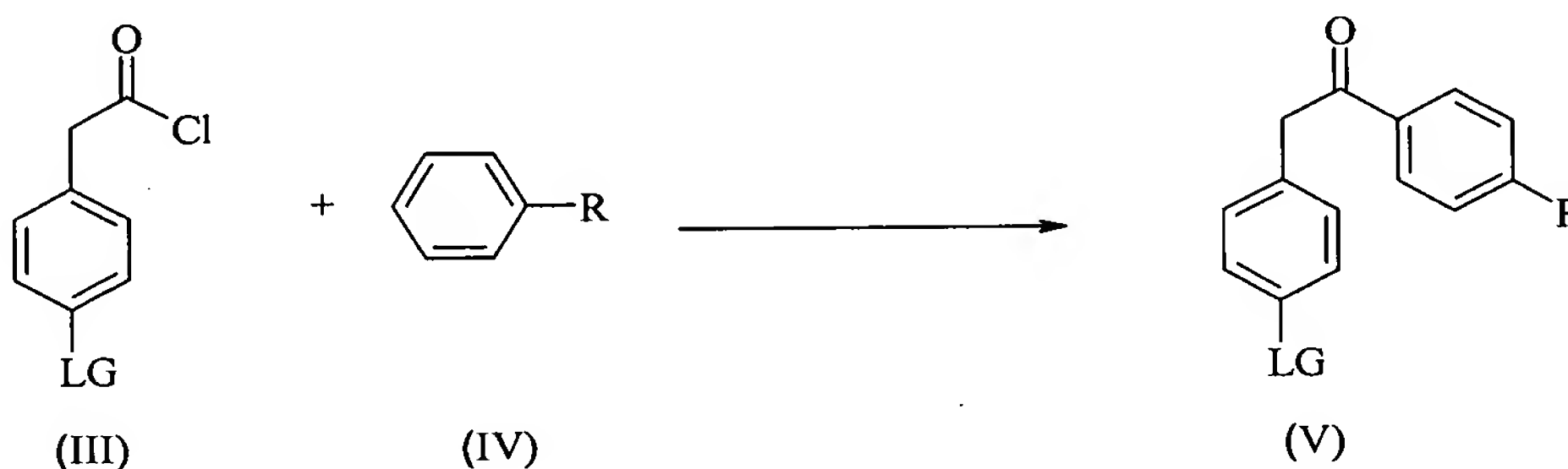
Claim 1 (Currently Amended): ~~Process~~ A process for the preparation of compounds of formula (I):



~~with wherein R being is~~ C₁-C₁₂-alkyl, C₁-C₁₂-alkyl aryl, C₁-C₁₂-alkyl heteroaryl, C₂-C₁₂-alkenyl, C₂-C₁₂-alkenyl aryl, C₂-C₁₂-alkenyl heteroaryl, C₂-C₁₂-alkynyl, C₂-C₁₂-alkynyl aryl, C₂-C₁₂-alkynyl heteroaryl, C₁-C₁₂-alkyl-C₃-C₈-cycloalkyl, C₃-C₈-cycloalkyl, C₁-C₁₂-alkoxy[;], aryl, heteroaryl, or a halides halide;

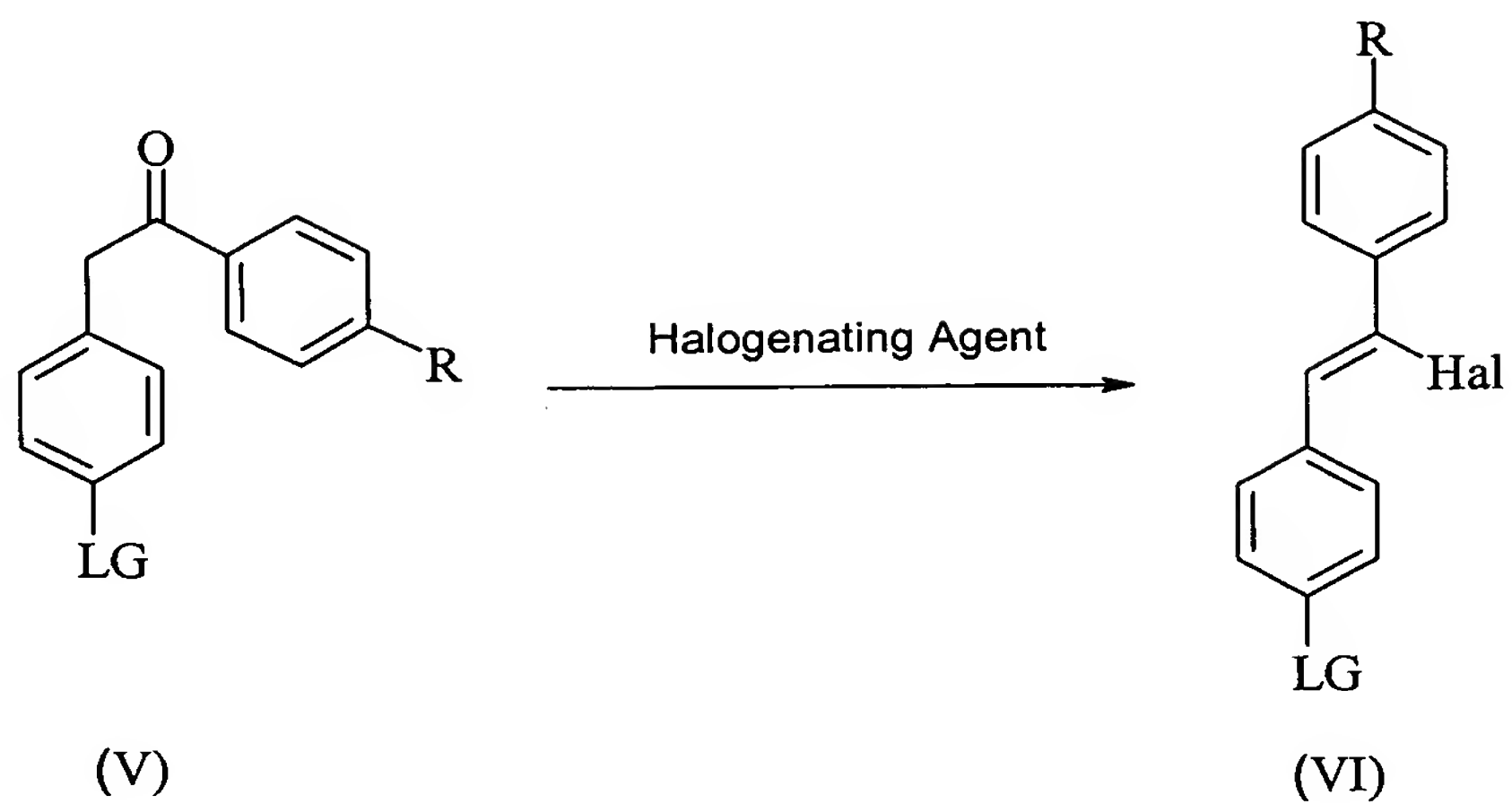
said process comprising the steps of :

Step 1 : ~~reaction of~~ reacting an acyl chloride of formula (III) with an alkyl benzene of formula (IV) to yield the corresponding compound (V):

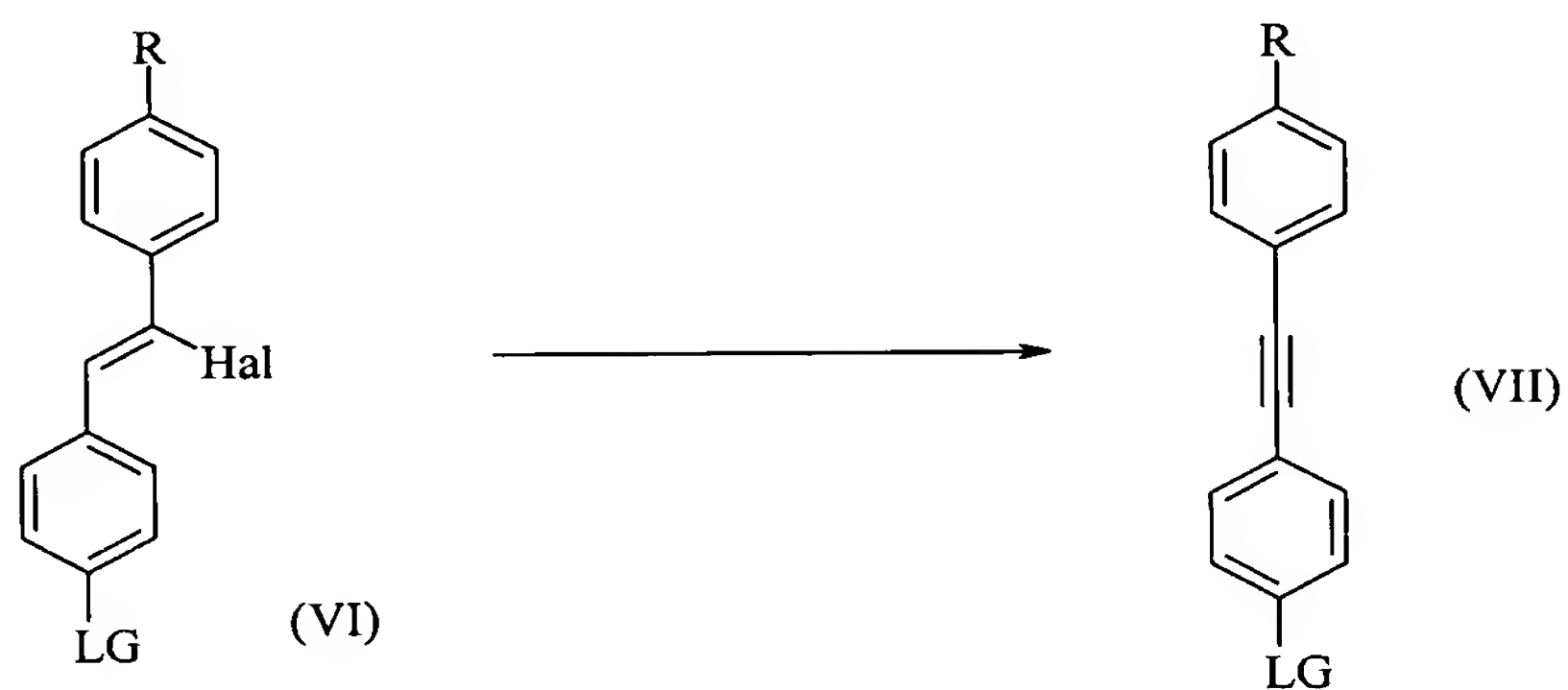


~~whereby~~ wherein LG is a leaving group;

Step 2 : ~~transformation of~~ transforming a compound of formula (V) into compound of formula (VI), using a suitable halogenating agent:



Step 3 : subjecting a compound (VI) to an elimination reaction to provide a compound of formula (VII):



Step 4 : subjecting a compound of formula (VII) or an activated species thereof with a formylating agent (VIII) for giving the compound (I):



Claim 2 (Currently Amended): ~~Process~~ The process according to claim 1, wherein the reaction of step 1 is conducted in the presence of AlCl_3 .

Claim 3 (Currently Amended): ~~Process~~ The process according to ~~any of the preceding claims~~ claim 1, wherein the halogenating agent in step 2 is acetyl chloride.

Claim 4 (Currently Amended): ~~Process~~ The process according to ~~any of the preceding claims~~ claim 1, wherein the reaction of step 3 is performed in presence of a base.

Claim 5 (Currently Amended): ~~Process~~ The process according ~~any of the preceding claims~~ to claim 1, wherein the formylating agent in step 4 is selected from the group consisting of DMF, 1-formyl-piperidine, 1-formyl piperazine, N-methyl-N-(2-pyridyl) formamide, N-methyl formanilide, and Weinreb formamide.

Claim 6 (Currently Amended): ~~Process~~ The process according ~~any of the preceding claims~~ to claim 1, wherein the reaction of step 4 is conducted in the presence of magnesium or butyl lithium.

Claim 7 (Currently Amended): ~~Process~~ The process according to ~~any of the preceding claims~~ claim 1, wherein R is $\text{C}_1\text{-C}_6$ alkyl.

Claim 8 (Currently Amended): ~~Process~~ The process according to ~~any of the preceding claims~~ claim 1, wherein the compound is selected from the group consisting of :

4-(4-methoxy-phenylethynyl)-benzaldehyde;

4-(4-hexyl-phenylethynyl)-benzaldehyde;

4-(4-ethyl-phenylethynyl)-benzaldehyde;
4-(4-chloro-phenylethynyl)-benzaldehyde;
4-(4-butyl-phenylethynyl)-benzaldehyde;
4-p-tolylethynyl-benzaldehyde;
4-(4-propyl-phenylethynyl)-benzaldehyde;
4-(4-cyclohexyl-phenylethynyl)-benzaldehyde;
4-(4-propoxy-phenylethynyl)-benzaldehyde;
4-(4-phenoxy-phenylethynyl)-benzaldehyde; and
4-biphenyl-4-ylethynyl-benzaldehyde.

Claim 9 (New): The process according to claim 1, wherein LG is a halide.

Claim 10 (New): The process according to claim 1, wherein the reaction of step 1 is performed in the presence of FeCl₃.

Claim 11 (New): The process according to claim 1, wherein the reaction of step 1 is performed at a temperature in a range from room temperature to 50 °C for a period of about 5 hours.

Claim 12 (New): The process according to claim 1, wherein the halogenating agent in step 2 is bromide.

Claim 13 (New): The process according to claim 1, wherein the reaction of step 2 is performed at room temperature for a period of 40 hours.

Claim 14 (New): The process according to claim 1, wherein the reaction of step 3 is performed at a temperature of 80 °C for a period of 20 hours.